

## FLM5120GXWDF6 Sewer Suction Truck



## 1. Main parameter introduction

	Items	Specifications
Chassis	Chassis Model	Dongfeng DFH1120E1
	Engine Model	D4.5NS6B190
	Engine Maximum Net Power/Rotation Speed (kw/(r/min))	135/2300
	Engine Rated Power/Rotation Speed (kw/(r/min))	140/2300
Dimensions	External Size (L×W×H) (mm)	6855×2490×3310
	Wheelbase (mm)	3800
	Approach/Departure Angle (°)	17/24
	Front/Rear Overhang (mm)	1400/1655
Quality	GVW (kg)	12490
	Curb Weight (kg)	7610
	Payload (kg)	4685
Operating Performance Parameters	Vacuum Pump Model	Hangzhou WLOONG 65QZXDG-68/400
	Maximum Vacuum (MPa)	≤-0.085
	Vacuum Pump Flow (m <sup>3</sup> /min)	4.08
	Suction Range (m)	≥6
	Full Tank Suction Time (min)	≤6
	Suction Pipe Inner Diameter (mm)	110
	Sewage Tank Effective	5.85

	Volume (m <sup>3</sup> )	
	Sewage Tank Total Volume (m <sup>3</sup> )	7
	Sewage Tank Tipping Angle (°)	≥45
Optional Washing Machine	Maximum Pressure (MPa)	18
	Maximum Flow (L/min)	9
	Clean Water Tank Volume (L)	160

## 2. Main performance description

1. The car adopts a round Q235B tank (stainless steel tank is also optional), which has good pressure bearing performance and technical performance indicators that reach or exceed similar domestic products. It is mainly used for sewers, rain wells, septic tanks, and various ditches. The suction and transportation of sludge, excrement, or petrochemical sewage tank sludge are equipped with a manual suction rotary arm and night work light, which is convenient to use and high inefficiency.

2. Adopt a well-known brand vacuum pump, which has high absolute working pressure, large flow, large suction force, and long suction range. And the whole vehicle is equipped with three wear-resistant sewage suction pipes as standard, which can be connected by quick couplings according to actual needs, which not only optimizes the pipeline layout but also makes the overall

appearance of the vehicle more beautiful.

3. It integrates the functions of sewage suction and sewage rotating filtering and self-draining, reducing the number of vehicle trips, reducing the labor intensity of operators, improving work efficiency, and saving costs. (National patent technology)

4. The rear door adopts an independently patented sanitation tank-type special rear door opening and closing locking device, a hydraulic system with safety protection, and a double insurance mechanism to reliably seal the garbage bin body and the rear door rubber strip to ensure that the sewage is in a closed state during collection and transportation. (National patent technology)

5. Sewage tank liquid level display adopts imported liquid level display device, which is easy to observe, easy to disassemble, clean, and maintain.

The sewage outlet adopts an imported knife valve to ensure the long-term airtightness of the sewage valve.

6. An on-board cleaning device is optional to wash the vehicle and clean the surrounding environment on site.